REMARKS

In the Office Action mailed December 19, 2007, the Examiner noted that claims 1-19 were pending and rejected claims 1-19. Claims 1 and 12-17 have been amended, no claims have been canceled, and, thus, in view of the foregoing, claims 1-19 remain pending for reconsideration which is requested. No new matter has been added. The Examiner's rejections and objections are addressed below.

OBJECTIONS

Claim 15 is objected to for informalities. In particular, it is asserted that the claim contains a typographical error. The claim has been amended to remove the typographical error.

Withdrawal of the objections is respectfully requested.

REJECTIONS under 35 U.S.C. § 112

Claims 12-17 stand rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the Applicants regard as the invention.

Specifically, it is asserted that claims 12 and 15 lacked antecedent basis for the term "said delivery system"; claims 13 and 14 lacked antecedent basis for the term "said client terminal"; claims 16 and 17 lacked antecedent basis for the term "said client terminal"; and claims 16 and 17 lacked antecedent basis for the term "said slave server".

The claims have been amended to provide the correct antecedent basis.

Withdrawal of the rejection is respectfully requested.

REJECTIONS under 35 U.S.C. § 102

Claims 1-4, 18 and 19 stand rejected under 35 U.S.C. § 102(e) as being anticipated by Briscoe, U.S. Patent Publication No. 2003/0044017. The Applicants respectfully disagree and traverse the rejection with an argument. Briscoe is a distribution system divided into a number of data units which use a sequence of keys where a different key is used to encrypt each data unit at the source.

On pages 3 and 4 of the Office Action, the Office states

> a. a delivery server (*ie. data sender*) which enciphers delivery data by using a current use cipher key to generate enciphered data and transmits a multicast packet containing said enciphered data and **a current use key identifier (*ie. key sequence*)** indicative of a pair of said current use cipher key and a current use decipher key as current use keys (*ie. data* ***sender issues seed values***) [page 3, paragraph 0061]." [Emphasis added]

Thus, the Office asserts that "a key sequence" as in Briscoe anticipates "a current use key identifier," of the pending claims. However, the claims and the supporting text in the Specification (see page 18 lines 16-19) define a key identifier as that which identifies a key. On the other hand, Briscoe ¶ 0026 states

> Preferably the **seeds required by any receiver to construct the keys for a specific sub-range of the entire key sequence** are communicated in an order that implicitly identifies each seed is which. **In this case the indexes of the seeds are inferred from knowledge of the minimum and maximum value required and of the pre-arranged order for communicating seeds, without explicitly listing the index number of each seed.** Preferably each encrypted data unit carries an unencrypted index number to identify to any receiver which key in the sequence should be used to decrypt that data unit. [Emphasis added]

Thus, what is transmitted in Briscoe are seeds and from these a key sequence can be constructed. While the order of seeds infers an index of sequence from a minimum and maximum value of the seeds, it does not identify a pair of said current use cipher key and a current use decipher key. As stated above, there is no identifier referencing the seeds "without explicitly listing the index number of each seed." As explicitly there is no index, there is no identifier. Further, the seed is not a key, but that from which a key is generated and therefore, a pair of identifiers of keys is not transmitted.

Therefore, Briscoe does not disclose "a delivery server which enciphers delivery data by using a current use cipher key to generate enciphered data and transmits a multicast packet containing said enciphered data and a current use key identifier indicative of a pair of said current use cipher key and a current use decipher key as current use keys," as in amended claim 1.

As Briscoe discusses transmitting a seed and not a key and explicitly states it does not transmit an index (a current

use key identifier), it therefore does not disclose "a key management server which is connected with said delivery server through a network, holds as a current use key data, a set of said current use decipher key and said current use key identifier, and transmits a set of said current use decipher key and said current use key identifier as a current use decipherment key data in response to a current use key data request," as in amended claim 1.

On page 4 of the Office Action, the Office states "(*ie. key management node issues customer seed values to allow customers to generate keys corresponding to the key used to encrypt the data*) [page 3, paragraph 0058]." Thus, the Office acknowledges that what is transmitted is a seed, not a key identifier. Therefore, in the instant claims, the client need not go through the step of generating a key from the seed. Therefore, Briscoe does not disclose "a client terminal which is connected with said delivery server and said key management server through said network, receives said multicast packet from said delivery server, issues said current use key data request to said key management server to receive said current use decipherment key data from said key management server, holds said set of said current use decipher key and said current use key identifier, and deciphers said enciphered data contained in said multicast packet by using said current use decipher key when said current use key identifier contained in said multicast packet is

coincident with said current use key identifier held in said client terminal," as in amended claim 1.

For at least the reasons stated above, claim 1 and the claims dependent therefrom are not anticipated by Briscoe.

REJECTIONS under 35 U.S.C. § 103

Claims 5-17 stand rejected under 35 U.S.C. § 103(a) as being obvious over Briscoe in view of Larsen, U.S. Patent No. 7,068,791. The Applicants respectfully disagree and traverse the rejection with an argument.

Larsen discusses a packet based radio network. Larsen adds nothing to the deficiencies of Briscoe as applied to the independent claims. Therefore, Briscoe and Larsen, taken separately or in combination, fail to render obvious the elements of claims 5-17.

SUMMARY

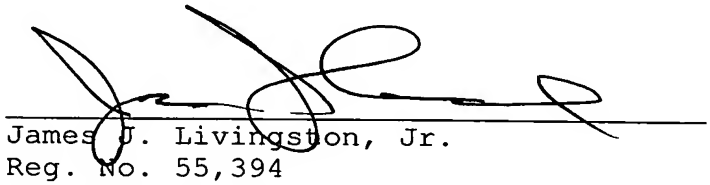
It is submitted that the claims satisfy the requirements of 35 U.S.C. §§ 112, 102 and 103. It is also submitted that claims 1-19 continue to be allowable. The claims are therefore in a condition suitable for allowance. An early Notice of Allowance is requested.

The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any

overpayment to Deposit Account No. 25-0120 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17.

Respectfully submitted,

YOUNG & THOMPSON



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